



Sheet 1 of 2

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116925		APPLICATION NO. 10/646,594 686	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Daishi YOSHIKAWA			
				FILING DATE August 25, 2003		GROUP 1745	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
GC	1	5,677,074	10/14/1997	Serpico et al.			
↓	2	5,783,325	07/21/1998	Cabasso et al.			
	3	5,861,222	01/19/1999	Fischer et al.			
GC	4	6,444,343	09/03/2002	Prakash et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
GC	5	EP 1 202 365 A1	05/02/2002	Europe			
↓	6	JP 11-135137 (w/ Abstract)	05/21/1999	Japan			
	7	JP 07-065624 (w/ Abstract)	03/10/1995	Japan			
	8	JP 64-022932 (w/ Abstract)	01/25/1989	Japan			
	9	JP 03-208260 (w/ Abstract)	09/11/1991	Japan			
	10	JP 03-098632 (w/ Abstract)	04/24/1991	Japan			
	11	JP 09-120827 (w/ Abstract)	05/06/1997	Japan			
	12	JP 2001-106831 (w/ Abstract)	04/17/2001	Japan			
	13	JP 2001-123081 (w/ Abstract)	05/08/2001	Japan			
	14	JP 2001-261967(w/ Abstract)	09/26/2001	Japan			
	GC	15	JP 2001-052721 (w/ Abstract)	02/23/2001	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
GC	16	Masatake Yamamoto et al., <u>Carbon Molecular Sieve Membrane Formed By Oxidative Carbonization Of A Copolyimide Film Coated On A Porous Support Tube</u> ; <i>Journal of Membrane Science</i> ; vol. 133, 195-205; (1997).					
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EXAMINER /Gregg Cantelmo/				DATE CONSIDERED 11/02/2006			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: June 29, 2004

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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116925		APPLICATION NO. 10/646,504 686	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Daishi YOSHIKAWA			
				FILING DATE August 25, 2003		GROUP 1745	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
GC	17	6,689,505	02/10/2004	Albers et al.			
↓	18	2001-0055710	12/27/2001	Saito et al.			
	19	2002-0015876	02/07/2002	Saito et al.			
GC	20	2003-0031912	02/13/2003	Saito et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
GC	21	JP 2001-335695 (w/ Abstract)	12/04/2001	Japan			
↓	22	JP 2000-268828 (w/ Abstract)	09/29/2000	Japan			
	23	JP 2001-126744 (w/ Abstract)	05/11/2001	Japan			
	24	JP 10-334927 (w/ Abstract)	12/18/1998	Japan			
	25	JP 08-222241 (w/ Abstract)	08/30/1996	Japan			
	26	JP 2002-114573 (w/ Abstract)	04/16/2002	Japan			
↓	27	JP 2001-181519 (w/ Abstract)	07/03/2001	Japan			
GC	28	JP 2002-198067 (w/ Abstract)	07/12/2002	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
/Gregg Cantelmo/				11/02/2006			
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Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116925		APPLICATION NO. 10/646,686	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Daishi YOSHIKAWA et al.			
				FILING DATE August 25, 2003		GROUP 1745	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
GC	1	6,485,856					
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
GC	2	JP 2001-247741 A	09/11/2001	JAPAN	X	X	
GC	3	JP 10-312815 A	11/24/1998	JAPAN	X	X	
GC	4	JP 2001-32162 A	02/06/2001	JAPAN	X	X	
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
EXAMINER /Gregg Cantelmo/				DATE CONSIDERED 11/02/2006			
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